

I. NOGGLE.

Improvement in Extension-Scaffold.

No. 129,978.

Patented July 30, 1872.

Fig. 1

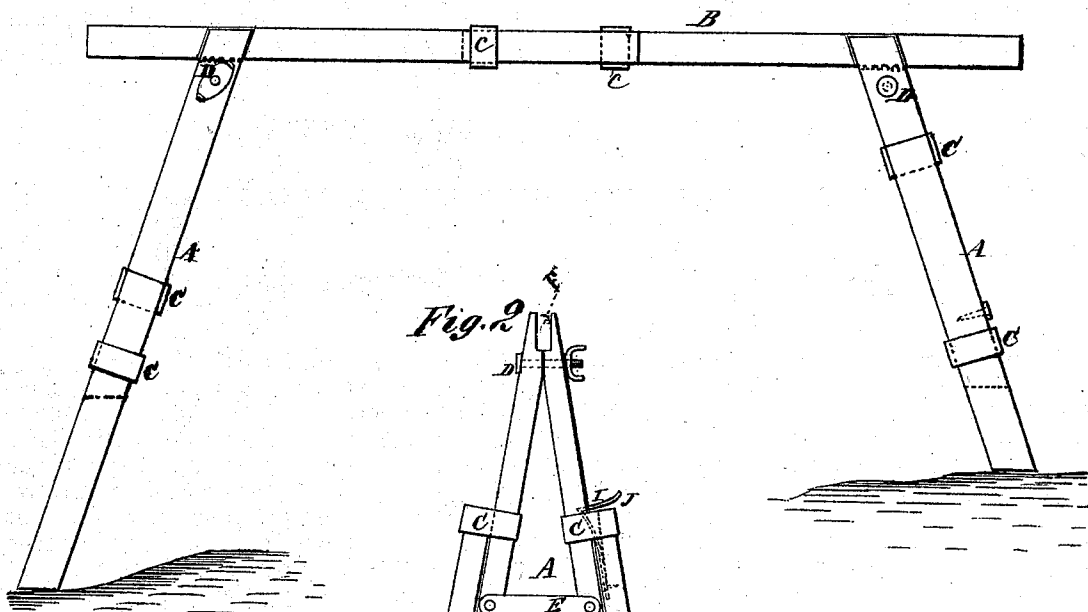


Fig. 2

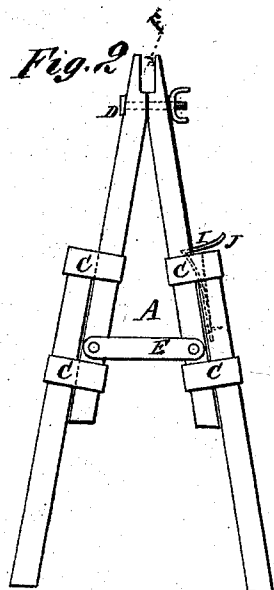
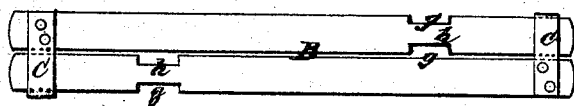


Fig. 3



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ISAAC NOGGLE, OF BUTLER, ILLINOIS.

## IMPROVEMENT IN EXTENSION SCAFFOLDS.

Specification forming part of Letters Patent No. 129,978, dated July 30, 1872.

Specification describing a new and useful Improvement in Extension Scaffolds, invented by ISAAC NOGGLE, of Butler, in the county of Montgomery and State of Illinois.

The object of this invention is to provide suitable and convenient means to enable masons and others to raise themselves to their work; and it consists in an extension framework constructed so as to be used as a scaffold or staging, as will be hereinafter described.

In the accompanying drawing, Figure 1 is an elevation of the device, showing the parts put together as when in use. Fig. 2 is an end view of the extension legs. Fig. 3 is a view of the rail detached.

Similar letters of reference indicate corresponding parts.

Each of the legs, as well as the rail, is made in two parts, connected together by bands, so that they will slide in contact with each other.

A represents the legs or supports. B is the rail. C represents the bands by which the parts of each are screwed together, so that they may slide and be elongated. Two bands are employed for each leg, one band being attached to one piece and the other to the other piece. The two parts of the rail are confined together in the same manner. The two legs, each composed of two pieces, as described, are connected together near the top by a screw-bolt, D, and also by a link, E, which latter

holds the legs spread at the bottom, so that they will brace the rail B laterally. The two legs also form a slot, F, at their top ends to receive the rail, and each part of the rail is recessed on its sides, as seen at *g g*, so that the timber left (*h*) will fit into the slots. The recesses in the rail are cut on an incline, so that the legs stand bracing from the center, as seen in Fig. 1. I is a spring attached to one part of the leg, which enters recesses in the other part, as represented, which prevents the parts from slipping. This spring is disengaged by pressing down on its end J. All the legs may be provided with this spring. The legs may be so adjusted that the rail B will stand on a level on uneven ground, as seen in Fig. 1.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

An article of manufacture consisting of two-part banded legs A C, connected at top by screw-bolts so as to form slot F, the springs I J, the brace-rods E, and the banded two-part rail B, having inclined recesses *g*, constructed and put together as and for the purpose described.

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